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VERSIONS OF CLAIMS WITH INCORPORATED AMENDMENTS

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1. A method for multicasting a message to more than one of a plurality of agents, comprising the steps of:

receiving a packet comprising a message and preferential destination information designated by a user;

determining to which of said plurality of agents said message is to be sent, by referring to said preferential destination information; and

sending said message to more than one of said plurality of agents determined as destinations.

10. A computer comprising:

an execution environment for a plurality of agents; and

a message monitor for receiving a packet, comprising a message and preferential destination information designated by a user, from an agent being active in the execution environment for said agents, and for determining to which of said plurality of agents said message is to be sent by referring to said preferential destination information, and for multicasting said messages to more than one of said plurality of agents determined as destination agents.

15. A storage medium for storing a program executable by a machine for causing the machine to perform method steps for

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multicasting message to more than one of a plurality of agents,
said method comprising the steps of:

receiving a packet comprising a message and preferential
destination information designated by a user;

determining to which of said plurality of agents said
message is to be sent, by referring to said preferential
destination information; and

sending said message to more than one of said plurality of
agents determined as destinations.

19. A method for multicasting a message to more than one of
a plurality of agents, comprising the steps of:

receiving a message;

determining to which of said plurality of agents said
message is to be sent, by referring to a messaging policy data
defining priorities of agents to which said message can be sent;
and

sending said message to more than one of said plurality of
agents determined as destinations.

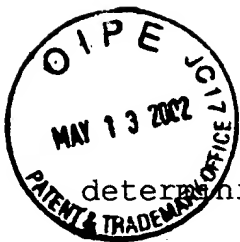
20. A storage medium for storing a program for causing a
machine to execute the steps of a method for multicasting a
message to more than one of a plurality of agents, said method
comprising the steps of:

receiving a message;

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D1
C1
B3
A3
end

D1
C1
A4



d1
et
at
end

determining to which of said plurality of agents said message is to be sent, by referring to a messaging policy data defining priorities of agents to which said message can be sent; and

sending said message to more than one of said plurality of agents determined as destinations.

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